



Atty. Dkt. No. 040679-1191

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Naoki KACHI et al.  
Title: CATALYTIC CONVERTER  
WITH MULTILAYERED  
CATALYST SYSTEM  
Appl. No.: 09/742,428  
Filing Date: 12/22/2000  
Examiner: Jennifer A. Leung  
Art Unit: 1764  
Confirmation Number: 8035

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Your Petitioner, NISSAN MOTOR CO., LTD., having its principal place of business at 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0023 Japan, represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 09/742,428, filed 12/22/2000, by virtue of an Assignment filed and recorded on December 22, 2000, on Reel/Frame 011395/0741 in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX A. Further, your Petitioner represents that it is the owner of U.S. Patent No. 6,503,862, which issued on U.S. Patent Application No. 09/617,491, filed July 14, 2000, by virtue of an Assignment filed and recorded on September 28, 2000, on Reel/Frame 011191/0563, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX B.

Your Petitioner, NISSAN MOTOR CO., LTD., hereby disclaims the terminal part of the term of any patent granted on the above identified patent application which would

extend beyond the full statutory term, as shortened by any terminal disclaimer, of U.S. Patent 6,503,862, and hereby agrees that any patent so granted on the above identified patent application shall be enforceable only for and during such period that the legal title to U.S. Patent 6,503,862 shall be the same as the legal title to any patent granted on the above identified patent application, this agreement to run with any patent granted on the above identified patent application and to be binding upon the grantee, its successors or assigns.

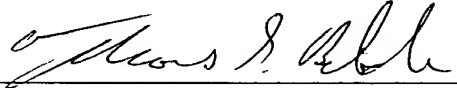
In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on the above identified patent application, prior to the full statutory term of U.S. Patent 6,503,862 as defined in 35 U.S.C. §§154-156 and 173, in the event that U.S. Patent 6,503,862 expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term of U.S. Patent 6,503,862 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on the above identified patent application that would extend beyond the present termination of U.S. Patent 6,503,862, in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on the above identified patent application to the extent provided by law.

The undersigned, being the Attorney of Record for the above identified patent application, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed the Assignments attached as APPENDICES A and B, and to the best of his knowledge and belief, legal title to the above identified patent application and U.S. Patent 6,503,862 rests with Petitioners, NISSAN MOTOR CO., LTD.. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or

both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing therefrom.

Respectfully submitted,

Date March 8 2007  
/

By 

Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479

FOLEY & LARDNER LLP

Customer Number: 22428

Telephone: (202) 672-5485  
Facsimile: (202) 672-5399

Thomas G. Bilodeau  
Attorney for Applicant  
Registration No. 43,438

## APPENDIX A



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 15, 2001

PTAS

FOLEY & LARDER  
RICHARD L. SCHWAAB  
WASHINGTON HARBOUR  
3000 K STREET, NW, SUITE 500  
WASHINGTON, DC 20007-5109



\*101576304A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/22/2000

REEL/FRAME: 011395/0741  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KACHI, NAOKI

DOC DATE: 11/30/2000

ASSIGNOR:  
NISHIZAWA, KIMIYOSHI

DOC DATE: 12/04/2000

ASSIGNEE:  
NISSAN MOTOR CO., LTD.  
2, TAKARA-CHO, KANAGAWA-KU  
YOKOHAMA-SHI  
KANAGAWA 221-0023, JAPAN

SERIAL NUMBER: 09742428  
PATENT NUMBER:

FILING DATE: 12/22/2000  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

PCAN/H-08505/99-01237  
U.S. Rights - Sole or Joint

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and  
address of  
assignee

NISSAN MOTOR CO., LTD.  
2, Takara-cho, Kanagawa-ku, Yokohama-shi,  
Kanagawa 221-0023 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of  
invention

CATALYTIC CONVERTER WITH MULTILAYERED CATALYST SYSTEM

as set forth in his/her United States Patent Application

check one

(X) executed concurrently herewith  
( ) executed on \_\_\_\_\_  
( ) Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **Foley & Lardner** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and  
signatures  
of  
inventors

Naoki Kachi date 11/30/2000  
Name: Naoki Kachi

Kimiyoshi Nishizawa date 12/4/2000  
Name: Kimiyoshi Nishizawa

\_\_\_\_\_  
Name: \_\_\_\_\_ date \_\_\_\_\_

\_\_\_\_\_  
Name: \_\_\_\_\_ date \_\_\_\_\_

MRP 12/22/00

01-09-2001

Atty. Dkt. No. 040679/1191

FORM PTO-1595 (modified)

(Rev 6-93)



101576304

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

MAR 08 2007

RECORDAT

PATENT IS ONLY

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

## 1. Name of conveying party(ies):

Naoki KACHI, November 30, 2000  
Kimiyoishi NISHIZAWA, December 4, 2000

Additional conveying party(ies) NO

## 2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.  
2, Takara-cho, Kanagawa-ku  
Yokohama-shi  
Kanagawa 221-0023, Japan



## 3. Nature of conveyance:

ASSIGNMENT

Execution Date:

Same as above

Additional name(s) &amp; address(es) attached? NO

## 4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: November 30, 2000

A. Patent Application Number(s):

09/742428

B. Patent Number(s):

Additional numbers attached? NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109

## 6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number: 19-0741

DO NOT USE THIS SPACE

## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Richard L. Schwaab

December 22, 2000

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

12/27/2000 VYRMS1

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## APPENDIX B





RLS  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
40302/239

DECEMBER 28, 2000

PTAS

FOLEY & LARDNER  
RICHARD L. SCHWAAB  
WASHINGTON HARBOUR  
3000 K STREET NW, SUITE 500  
WASHINGTON, DC 20007-5109



\*101503244A\*

USP 6,503,862

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 09/28/2000

REEL/FRAME: 011191/0563  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YAMAMOTO, SHINJI

DOC DATE: 09/07/2000

ASSIGNEE:  
NISSAN MOTOR CO., LTD.  
2 TAKARA-CHO, KANAGAWA-KU  
YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN

SERIAL NUMBER: 09617491  
PATENT NUMBER:

FILING DATE: 07/14/2000  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECOR

11-02-2000



101503244

Atty. Dkt. No. 040302/0239

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

ET

MRD 9/28/00

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

## 1. Name of conveying party(ies):

Shinji YAMAMOTO



## 2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.  
2 Takara-Cho, Kanagawa-Ku  
Yokohama-Shi, Kanagawa-Ken, Japan

Additional conveying party(ies) NO

## 3. Nature of conveyance:

ASSIGNMENT

Execution Date:

September 7, 2000

Additional name(s) &amp; address(es) attached? NO

## 4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

09/617,491

B. Patent Number(s):

Additional numbers attached? NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109

## 6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number: 19-0741

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Richard L. Schwaab

September 28, 2000

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*name and address of assignee*                      **NISSAN MOTOR CO., LTD.  
2, Takara-cho, Kanagawa-ku, Yokohama-shi  
Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

*title of invention*                      **EXHAUST GAS PURIFYING CATALYST**

as set forth in this United States Patent Application

*check one*                      ☐ executed concurrently herewith  
☐ executed on \_\_\_\_\_  
☒ Serial No. 09/617,491                      Filed July 14, 2000

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby authorizes the firm of **FOLEY & LARDNER** to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<b>NAMES AND SIGNATURES OF INVENTORS</b>		
Name: <b>Shinji YAMAMOTO</b>	Signature: <i>Shinji Yamamoto</i>	Date: <i>9/7/2000</i>
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
<b>NAMES AND SIGNATURES OF WITNESSES</b>		
Name:	Signature:	Date:
Name:	Signature:	Date:

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